DAX PANCHAL

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PROFILE

MCA final-year student with hands-on experience in **workflow automation, API integrations, and event-driven systems**. Skilled in designing and managing automated workflows using **Python, JavaScript, and n8n**, with practical exposure to AI-powered automation, backend development, and data-driven applications. Seeking an entry-level role focused on **automation and modern workflow tools**.

EDUCATION

Master of Computer Applications (MCA)   2024 – Present
SAL Institute of Technology and Engineering Research,   Ahmedabad, Gujarat
CGPA: **7.76**

Bachelor of Computer Applications(BCA)   2021 – 2023
President Institute of Computer Application   Ahmedabad, Gujarat
CGPA: **6.76**

PROFESSIONAL EXPERIENCE

Full Stack Python   09/2023 – 03/2024
Maxgen Technologies Pvt. Ltd   Ahmedabad

SKILLS

Python
(Programming)

HTML, CSS, JS, Bootstrap
(Frontend)

MySQL
(Database)

Github, VS Code, Jupyter Notebook
(Tools)

n8n
(workflow automation, AI agents)

PROJECTS

AI Workflow Automation using n8n
- Designed and managed **event-driven automation workflows** using n8n
- Integrated **Google Gemini API** for conversational AI responses
- Implemented **memory nodes** for context retention across conversations
- Automated calculations using built-in logic nodes
- Integrated **SerpAPI** for real-time web search within workflows
- Used **webhooks, conditional logic, and triggers** to orchestrate workflow execution
- **Tools & Technologies:** n8n, REST APIs, Webhooks, Google Gemini, SerpAPI

AI-Powered WhatsApp Workflow Automation (n8n)
- Built an end-to-end **WhatsApp Business automation** using n8n integrating **Google Gemini AI** and **Google Sheets**
- Implemented **AI Agent with memory** to understand user intent and maintain short-term conversation context
- Automated **inventory lookup, FAQ responses, and order capture** via Google Sheets integration
- Orchestrated workflows using **triggers, conditional logic, and webhooks**
- Enabled real-time automated responses and order confirmations on WhatsApp
Tech Stack: n8n, JavaScript, Google Gemini, WhatsApp Business API, Google Sheets, REST APIs

CERTIFICATES

- Gen AI Academy – Google Cloud & Hack2Skill 🔗
- TCS ion Career Edge 🔗
- Hack With Gujarat – Pre-Hackathon 🔗